

LEYH ET AL.
"Multi-Mode Communications Device With
Continuous Mode ..."
Atty. Docket No. CS11235

Appl. No. 10/027,650
Confirm. No. 1167
Examiner T. Ewart
Art Unit 2684

1. (Currently Amended) A wireless communication handset
[~~communications device~~], comprising:

- a first transceiver having a first receiver and a first transmitter;
- a first antenna coupled to the first receiver;
- a second transceiver having a second receiver and a second transmitter;
- a second antenna coupled to the second receiver,
- the first and second transmitters connectable at the same time to the same one of either of the first and second antennas.

Claim 2 (Canceled).

3. (Currently Amended) The wireless communication handset
[~~communications device~~] of Claim 1, the first and second transmitters disconnectable from the same one of the first and second antennas.

4. (Currently Amended) The wireless communication handset
[~~device~~] of Claim 1, the first receiver is a CDMA receiver, the first transmitter is a CDMA transmitter, the second receiver is a TDMA receiver, the second transmitter is a TDMA transmitter.

LEYH ET AL.
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Art Unit 2684

5. (Currently Amended) The wireless communication handset [device] of Claim 1, the first antenna is an internal antenna, the first transmitter coupled to the second antenna, the second antenna is an external antenna.

6. (Currently Amended) The wireless communication handset [device] of Claim 1, a switch coupling the first and second transmitters and the second receiver to the same one of the first and the second antennas.

7. (Currently Amended) The wireless communication handset [~~communications device~~] of Claim 1, a processor coupled to the first and second transceivers, a display and input/outputs coupled to the processor.

Claims 8-9 (Canceled).

10. (Currently Amended) A method in a wireless communications handset [device] having a first transceiver and a second transceiver, comprising:

receiving an uncompressed CDMA signal with a first receiver of the first transceiver;

receiving a second signal with a second receiver of the second transceiver at the same time the first receiver is receiving the uncompressed CDMA signal.

LEYH ET AL.
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Appl. No. 10/027,650
Confirm. No. 1167
Examiner T. Ewart
Art Unit 2684

11. (Previously Presented) The method of Claim 10,
receiving the second signal with the second receiver operating in a
non-continuous reception mode at the same time the first receiver is receiving
the uncompressed CDMA signal.

12. (Previously Presented) The method of Claim 10,
the first receiver is CDMA receiver, the second receiver is a GSM
receiver,
receiving a downlink signal with the GSM receiver at the same
time the CDMA receiver is receiving the uncompressed CDMA signal.

13. (Previously Presented) The method of Claim 10,
the first receiver is CDMA receiver, the second receiver is a TDMA
receiver,
receiving a downlink signal with the TDMA receiver at the same
time the CDMA receiver is receiving the uncompressed CDMA signal.

14. (Previously Presented) The method of Claim 10,
receiving a second uncompressed downlink signal with the
second receiver operating in a continuous reception mode at the same time the
first receiver is receiving the uncompressed CDMA signal.

LEYH ET AL.
"Multi-Mode Communications Device With
Continuous Mode ..."
Atty. Docket No. CS11235

Appl. No. 10/027,650
Confirm. No. 1167
Examiner T. Ewart
Art Unit 2684

15. (Previously Presented) The method of Claim 10,
the first receiver coupled to a first antenna,
the second receiver coupled to a second antenna different than the
first antenna,
the first transceiver includes a first transmitter, the second
transceiver includes a second transmitter,
connecting the first transmitter and the second transmitter to the
same one of the first and second antennas at the same time.

16. (Currently Amended) A method in a wireless communications
handset [device] having a first transceiver, the method comprising:
receiving a first signal with a first receiver of the first transceiver,
the first receiver coupled to a first antenna;
transmitting a second signal with a first transmitter of the first
transceiver at the same time the first receiver is receiving the first signal,
the first transmitter coupled to a second antenna different than the
first antenna,
receiving the first signal with the first receiver includes receiving
an uncompressed CDMA downlink signal.

Claim 17-19 (Canceled).

LEYH ET AL.
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Atty. Docket No. CS11235

Appl. No. 10/027,650
Confirm. No. 1167
Examiner T. Ewart
Art Unit 2684

20. (Previously Presented) A method in a wireless communications device having a first transceiver and a second transceiver, comprising:

transmitting a first signal with a first transmitter of the first transceiver operating in a continuous spread spectrum transmission mode,
the first transmitter coupled to a first antenna;
receiving a second signal with a second receiver of the second transceiver at the same time the first transmitter is transmitting the first signal,
the second receiver coupled to a second antenna different than the first antenna.

21. (Original) The method of Claim 20,
the first transmitter is CDMA transmitter, the second receiver is a TDMA receiver,
transmitting an uplink signal with the CDMA transmitter;
receiving the second signal with the TDMA receiver at the same time the CDMA transmitter is transmitting the uplink signal.

22. (Original) The method of Claim 20,
transmitting an uncompressed uplink signal with a first transmitter operating in a continuous transmit mode;
receiving the second signal with the second receiver at the same time the first transmitter is transmitting the uncompressed uplink first signal.

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Continuous Mode ..."
Atty. Docket No. CS11235

Appl. No. 10/027,650
Confirm. No. 1167
Examiner T. Ewart
Art Unit 2684

23. (Previously Presented) The method of Claim 20,
the first transmitter is CDMA transmitter, the second receiver is a
TDMA receiver,
transmitting an uncompressed uplink signal with the CDMA
transmitter;
receiving the second signal with the TDMA receiver at the same
time the CDMA transmitter is transmitting the uncompressed uplink signal.

24. (Previously Presented) A method in a wireless
communications device having a first transceiver and a second transceiver, the
method comprising:
transmitting with a first transmitter of the first transceiver;
transmitting with a second transmitter of the second transceiver at
the same time that the first transmitter is transmitting;
receiving with one of a first receiver of the first transceiver and a
second receiver of the second transceiver at the same time the first and second
transmitters are transmitting.

25. (Previously Presented) The method of Claim 24, receiving
includes receiving an uncompressed continuous signal.

26. (Previously Presented) A method in a wireless
communications device having a first transceiver and a second transceiver, the
method comprising:

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Appl. No. 10/027,650
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Art Unit 2684

receiving with a first receiver of the first transceiver;

receiving with a second receiver of the second transceiver at the
same time that the first receiver is receiving;

transmitting with one of a first transmitter of the first transceiver
and a second transmitter of the second transceiver at the same time the first
and second receivers are receiving.

27. (Previously Presented) The method of Claim 26, receiving
includes receiving an uncompressed continuous signal.